

# ABSTRACT

An optical device 44 comprises incident side transparent members 447A which are interposed between the respective members of light flux incident end surfaces of a cross dichroic prism 444 and three light modulating devices 440 to hold and fix the respective light modulating devices 440. Further, the incident side transparent members 447A are made of a thermal conductive material and at least two incident side transparent members 447A of the three incident side transparent members 447A are different in thermal resistance. As a result, there are provided an optical device which is capable of performing an efficient cooling without damaging silence of a projector and equalizing unevenness in heating quantity in a plurality of optical elements such as light modulating devices, and a projector.

[Selected Figure] Fig. 9